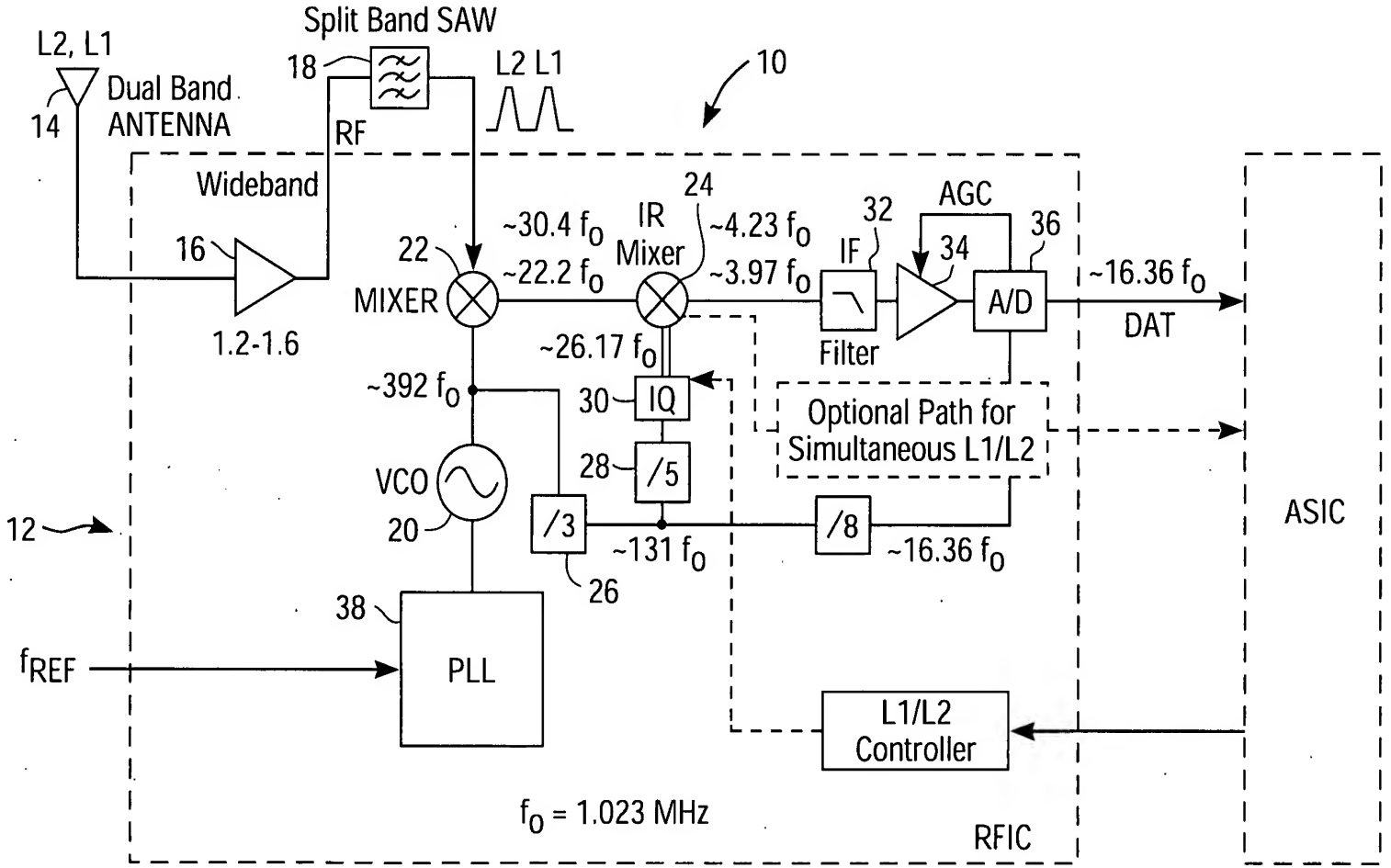
L2, L1
Dual Band
ANTENNA
14
Split Band SAW
18
L2 L1
10
RF
Wideband
16
1.2-1.6
22
MIXER
~30.4 f_0
~22.2 f_0
IR
Mixer
24
~4.23 f_0
~3.97 f_0
IF
32
Filter
AGC
34
36
A/D
~16.36 f_0
DAT
~26.17 f_0
~392 f_0
30
IQ
Optional Path for
Simultaneous L1/L2
28
/5
VCO
20
12
/3
~131 f_0
26
/8
~16.36 f_0
ASIC
38
f_{REF}
PLL
L1/L2
Controller
f_0 = 1.023 MHz
RFIC